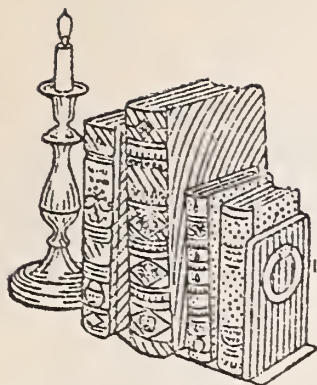


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# LIBRARY NEWSLETTER

U. S. DEPARTMENT OF AGRICULTURE

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## NEW BOOKS

BREEDING AND IMPROVEMENT OF FARM ANIMALS, By V. A. Rice, F. N. Andrews and E. J. Warwick. 4th ed. McGraw-Hill, 1951. 787 p. 40 R36

The fourth edition of this well known text retains much of the material found in the earlier editions on the history of animal breeding; the mechanics of reproduction and heredity; and the systems of breeding and selection. In addition it presents significant advances which have been made in these fields during the past eight years.

CIVIL ENGINEERING HANDBOOK. L. C. Urquhart, ed. 3d ed. McGraw-Hill, 1950. 102 p. 290 Ur6c

This new edition presents a wealth of essential theory and standards, practice and data, to meet the needs of civil engineers in solving specific problems. It covers all aspects of civil engineering under these ten headings: Surveying.- Railway, Highway and Airport Engineering.- Mechanics of Materials.- Hydraulic Stresses in Framed Structures.- Steel Design.- Cement and Concrete.- Foundations.- Sewerage and Sewage Disposal.- Water Supply and Purification.

EVERYDAY STATISTICS, FACTS AND FALLACIES, By G. W. Snedecor. Brown, 1950. 152 p. 251 Sn2F

This book is for the general reader who wishes to learn some of the fundamentals of modern statistics. No mathematics beyond elementary algebra is required. The attempt is made to present the logic of the science with only so much mathematical symbolism as is necessary for clarity. The emphasis is on the social aspects of the subject and the book should prove of interest to anyone working frequently or occasionally with statistics.

A GLOSSARY OF BOTANIC TERMS WITH THEIR DERIVATION AND ACCENT, By B. D. Jackson. 4th ed., rev. and enl. Hafner, 1950. 481 p. 452.12 J13

A standard glossary which defines terms used in botany and several overlapping sciences. Additional terms added since the previous edition are given alphabetically in the Supplement beginning on page 417.



INDIAN FOREST AND RANGE; A HISTORY OF THE ADMINISTRATION AND CONSERVATION OF THE REDMAN'S HERITAGE, By J. P. Kinney. Forestry Enterprises, 1950. 357 p. 99.61 K62

Tracing in detail the administration and use of the forest and range resources of the American Indian, the author writes a history of the formative period of conservation in America. The book is a carefully documented record of the successes and failures, the trial and error, and the growth toward the application of sound principles of conservation and economics on some 15 million acres of the Redman's Heritage.

UNCLE SAM'S ACRES, By Marion Clawson. Dodd, Mead, 1951. 414 p. 282.12 C57

The author, who is Director of the Bureau of Land Management, tells the story of the United States public lands. He presents the history, description, uses, conservation measures and organization of the National Parks and Forests, Indian Reservations, Grazing Districts, Mining Areas, Game Refuges, Watersheds and Territories. He defines the part played by Uncle Sam as landlord, explains the importance of the uses to which these lands have been put, and describes their administration with comments on the policies and politics under which the public lands are administered.

THE WATER AND THE POWER: DEVELOPMENT OF THE FIVE GREAT RIVERS OF THE WEST, By A. N. Williams. Duell, Sloan and Pearce, 1951. 378 p. 292 W67

In the American West water has shaped history and today shapes the future. In this book the author records the fabulous past and documents the exciting, controversial present of the five great rivers of the West: the Colorado ("The Firebrand River"), the Sacramento and San Joaquin ("The Golden Valley"), the Rio Grande ("The Dustiest River in the World"), the Missouri ("Old Muddy and Misery"), and the Columbia ("The Ourogan"). Each chapter is a rich, compact picture of a Western region, giving historical background in the development of the river systems. from New Agriculture May 1951

WATER - OR YOUR LIFE, By L. H. Carhart. Lippincott, 1951. 312 p. 292 C192

The author presents a revealing picture of the problems of water conservation now facing the American people, giving light to the deplorable neglect of the fundamentals of water conservation and to some of the fantastic proposals now being advanced. Facts are given for the intelligent control of our water supply, our rivers and streams, our wildlife and scenic beauty.

This book will be of interest to all citizens who are interested in the pressing problems of our country and should prove invaluable to all conservationists.

WINNING YOUR WAY WITH PEOPLE, By K. C. Ingram. Whittlesey House, 1949. 258 p. 140 In4

The key to greater personal happiness and harmony with others is to be found in this new book on human relations. Written in an informal conversational style the book presents modern psychology in terms of a simple philosophy of personal action. The author is Assistant to the President of the Southern Pacific Railroad, dealing with public and employees relations. His suggestions for getting your ideas across to others, for working harmoniously with people, point up how you can gain maximum effectiveness in dealing with others in your everyday life.

CROPS IN PEACE AND WAR: The yearbook of Agriculture 1950-1951. U. S. Govt. Print. Off., 1951. 942 p. 1 Ag84Y

The new yearbook deals with processing all major American farm products, their industrial and food uses, by-products from them, utilization of wastes and secondary materials and procedures involved in finding new uses and requirements of consumers and markets. Much of the book is devoted to reports of work done by the Department's four regional research laboratories in studying possibilities of using surplus products in new ways.

### NEW BULLETINS

#### AGRICULTURAL ECONOMICS

- ACOCK, A. M. Progress and economic problems in farm mechanization. Food and Agr. Organ. of the U. N. 88 p. 1950. 59 F733
- BAKER, V. W. Community gains from conservation farming. U.S.D.A. P. n. 146, 7 p. 1951. 1 Ag84Pro
- DAVIS, D. R. An experiment in informal community organization. Texas Agr. Exp. Sta. Progress Rpt. 1323, 3 p. 1951. 100 T31Pr
- ECKERT, P. S. Father-son farming arrangements. Ohio Agr. Ext. Serv. Bul. 219, 16 p. 1949. 275.29 Oh32
- ELLICKSON, J. C. Hail insurance on growing crops. U.S.D.A. Agr. Inform. Bul. No. 56, 20 p. 1951. 1 Ag84Ab
- FLUCTUATIONS IN CROPS AND WEATHER 1866-1948. U.S.D.A. Stat. Bul. No. 101, 183 p. 1 Ag84St
- HEADINGTON, R. C. and MOORE, H. R. Father-son farming plans and arrangements. Ohio Agr. Exp. Sta. Research Bul. 686, 39 p. 1949. 100 Oh3sb
- HILL, E. B. and HARRIS, MARSHALL. Family farm-operating agreements. Mich. Agr. Exp. Sta. Spec. Bul. 368, 38 p. 1951. 100 M58Ss
- KELLOGG, C. E. Food, soil and people. Food and people series No. 6, 64 p. 1950. 389 K293
- PINGREY, H. B. Cost of mechanical harvest of cotton in the Mesilla Valley, New Mexico, 1950. N. M. Agr. Exp. Sta. Press Bul. 1040, 13 p. 1951. 100 M465Sp
- REUSS, L. A. and BLANCH, G. T. Utah's land resources. Utah Agr. Exp. Sta. Sp. Rpt. 4, 66 p. 1951. 100 Utls
- STIPPLER, H. H. and MARTIN, J. W. Tractor power on irrigated farms in southern Idaho. U. S. Bur. of Agr. Econ. F. M. 81, 116 p. 1951. 1.941 L6F22
- THARP, M. M. and ELLIS, H. H. Father-son farm-operating agreements. U.S.D.A. Farmers' Bul. No. 2026, 37 p. 1951. 1 Ag84f

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- ABSTRACTS OF RECENT PUBLISHED MATERIAL ON SOIL AND WATER CONSERVATION. U.S.D.A. PA-173, 70 p. 1951. 1 Ag84Pro
- GOOCH, D. W. Bibliography on the marketing of livestock, meat, and meat products. U.S.D.A. Bibliog. Bul. No. 15, 209 p. 1 Ag84Bi
- LIST OF PUBLICATIONS ON WOOD PRESERVATION. Forest Products Lab. No. R704, 29 p. Rev. 1950. 1.9F761R
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## CROPS - SEEDS

- BOHMONT, D. W. Cody--a new oat for Wyoming. Wyom. Agr. Exp. Sta. Bul. 301, 4 p. 1950. 100 W99b
- BRODELL, A. P. and SCHOLL, J. C. Planting and fertilizing corn. U.S. Bur. of Agr. Econ. F. M. 84, 8 p. 1951. 1.941 L6F22
- FINNELL, H. H. Depletion of high plains wheatlands. U.S.D.A. Circ. No. 871, 18 p. 1951. 1 Ag840
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- LEYENDECKER, P. J., JR. Frost aids mold growth in sun-dried chile. N. M. Agr. Exp. Sta. Press Bul. 1045, 3 p. 1950. 100 N46Sp
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- 1950 REPORT OF THE UNIFORM ALFALFA NURSERIES. U.S. Bur. of Plant Ind. Soils, and Agr. Eng. 184 p. 1950. 1.9 P691Rep
- VANSELL, G. H. Use of honey bees in alfalfa seed production. U.S.D.A. Circ. No. 876, 11 p. 1951. 1 Ag840
- WOLFF, S. E. Harvesting and cleaning grass and legume seed in the Western Gulf Region. U.S.D.A. Agr. Handbook No. 24, 106 p. 1951. 1 Ag844h

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- ROARK, R. C. A digest of information on chlordane. U.S. Bur. of Ent. and Plant Quar. E-817, 132 p. 1951. 1.9 En83

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